Center for Aerospace Science Technology

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center that also provides engineering services to local companies. Research projects are geared toward demonstrating low-cost space technology. Established as a center in 1988 to continue development of small low-earth orbiting satellites. It has expanded into a generalized technology incubation and development

Overview	Technologies	Status
Current State Contract \$50,000	*Small satellite	*Webe
	design including	Operat
FY92 Matching Funds \$424,043	features such as	advanc
Cumulative \$2,467,992	-particle detector	*Comp
	-color camera	AMSA
Total Jobs Created 35	-light detection	•Work
Industry 26	for ozone	studyii
Center 9	mapping	power
	-magnetometer	*Curre
Direct Center Spin-offs 2	-microcomputer	*Comr
	-packet radio	and av
Companies Relocating to Utah 1	communications	explor
		MIDAA
Tot. Benefiting Utah Companies 5	*Development of	design
License Agreements 0	sun angle detector	*Desig
	*Satellite Doppler	satellit
Patents Applied 0	beacon	*Work
		Propul
Patents Issued 0		monito
		astero
		*Work
		develo
		machi

- ced small satellite technology. ersat satellite launched January 1990. tional in polar orbit demonstrating
- T phase 3D satellite. pleted firs tof four year contract on
- ng special application of satellite for cing with Southern California Edison in
- ently working on NASA ACTS program.
- vailability of launch opportunities is being mercial applications of small satellites ed with Dept. of Defense.
- nination in satellites a space camera for altitude cing on contract with Honeywell to
- uned sun sensor to be used on Navy
- oring and interception of comets and king with Wasatch Research on a Jet Ision Laboratory study on satellite
- king with Everett and Winthrop in pment of an automated biomedical

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Economic Impact

- Utah by center has been Engineering of Huntsville, licensed by Orchid *Magnetometer developed
- company to Utah, contracts. and \$6 million in Intraspace with 20 jobs *Helped move new
- aerospace design and business to Utah for satellite is attracting manufacturing *Development of small
- satellite applications ground stations for small company to manufacture to establish a Utah *Working with PacifiCorp